This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package. Please complete all section of the worksheet.

PROJECT INFORMATION

Project Name		
Name of Project Applicant	*Telephone No.*	
Title	*Fax No.*	
Company	*Email Address*	
Street Address		
City	*State*	*Zip Code*

SECTION A. HYDROZONE INFORMATION TABLE

Please complete the hydrozone table(s) for each irrigation point of connection. Use as many tables as necessary to provide information on the total landscaped area. Controller #, Hydrozone #, and Valve Circuit # should correspond to the landscape and irrigation system plans.

Irrigation Point of Connection (P.O.C.) #_____									
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**
Controller #	Hydro zone #	Valve Circuit #	Irrigation Method (Code)	Plant Factor (average) (PF)	Hydro zone Area (HA) (sf)	% of Total Landscaped Area	PF x HA	IE	PF x HA / IE
				SLA				1.0	
			TOTAL		100%				

SLA = Special Landscaped Area

Hydrozone Category is based on the feature or plant within the hydrozone with the highest plant factor.

Hydrozone Category	PF – Plant Factor (average)
High Water Use	0.8
Moderate Water Use	0.5
Low Water Use	0.2
Special Landscaped Area	1.0

Artificial turf is considered Low Water Use.

Irrigation Method Code	IE – Irrigation Efficiency *
S = Spray	0.55
R = Rotor	0.70
D = Drip	0.80

* Turf and Landscape Irrigation Best Management Practices, April 2005, Water Management Committee of the Irrigation Association

SECTION B. WATER CALCULATIONS

SECTION B1. MAXIMUM APPLIED WATER ALLOWANCE (MAWA)

The project's Maximum Applied Water Allowance shall be calculated using this equation:

MAWA = (ETo)(0.62)[(0.7 x LA) + (0.3 x SLA)]

Where:

MAWA = Maximum Applied Water Allowance (gallons per year)

ETo = Reference Evapotranspiration Appendix A (inches per year)

0.7 = ET Adjustment Factor

LA = Landscaped Area including Special Landscape Area (square feet)

0.62 = Conversion factor (to gallons per square foot)

SLA = Portion of the landscaped area identified as Special Landscape Area (square feet)

0.3 = Additional ET adjustment Factor for Special Landscape Area (1.0 – 0.7 = 0.3)

Show values:

 ETo = _____ in./yr.

 LA = _____ sq. ft. (Total from Column F of Hydrozone Information Table)

 SLA = _____ sq. ft.

Show calculation:

Maximum Applied Water Allowance = _____ gallons per year

SECTION B2. ESTIMATED TOTAL WATER USE (ETWU)

The project's Estimated Total Water Use is calculated using the following formula:

ETWU = (ETo)(0.62)(Total of Column J from the Hydrozone Information Table)

Where:

ETWU = Estimated total water use per year (gallons)

ETo   = Reference Evapotranspiration (inches)

Show value: ETo = _____ in./yr.

Show calculation:

Estimated Total Water Use = _____ gallons per year.

_____   _____
Signature   Date